

IN THE CLAIMS:

Claim 1. (currently amended) A device (10) for the atomization of cleaning and disinfecting liquids, comprising a handle, a portable container (11), divided into at least a first and second compartment (14, 15), wherein, inside said first compartment (14) there is a body (16) made of plastic or metallic materials, which has an inlet channel (17) for a cleaning and/or disinfecting liquid, and an exit channel (18), for ~~the~~ atomized cleaning and/or disinfecting liquid and vapour generated starting from said cleaning and/or disinfecting liquid, means for grasping the neck of a cleaning and/or disinfecting liquid jar (20), wherein said body (16) further comprises piezoelectric elements (24), wherein said piezoelectric elements (24) are activated by an electronic circuit (25) in order to create immediate atomization of said cleaning and/or disinfecting liquid ~~to be applied~~, said first compartment (14) further comprises an electro-fan (26), and wherein said electronic circuit (25) suitable for converting electric oscillation of said piezoelectric elements (24) into mechanical oscillation at ultrasonic frequency and said electro circuit (25) and said electro-fan (26) being ~~are~~ fed by an electric power supply (28), said first and second compartments (14, 15) ~~are~~ being also divided by a perforated wall (27), through which a stream of air created by said electro-fan(26) ~~can pass~~ is passed to facilitate an exit of said ~~vaporized~~ atomized cleaning and/or disinfecting liquid, means through a flexible tube (23) for directing said cleaning and/or disinfecting vapour from said device (10) and said device (10) further comprising an electronic floating device (72) capable of communicating a signal to said electronic circuit (25) indicating a level of said cleaning and/or disinfecting liquid inside said body (16).

Claim 2. (canceled)

Claim 3. (canceled)

Claim 4. (canceled)

Claim 5. (canceled)

Claim 6. (canceled)

Claim 7. (canceled)

Claim 8. (canceled)

Claim 9. (canceled)

Claim 10. (new) A method for the atomization of cleaning and/or disinfecting liquids, comprising passing said cleaning and/or disinfecting liquid through a device comprising a handle, a portable container (11), divided into at least a first and second compartment (14, 15), wherein, inside said first compartment (14) there is a body (16) made of plastic or metallic materials, which has an inlet channel (17) for a cleaning and/or disinfecting liquid, and an exit channel (18), for atomized cleaning and/or disinfecting liquid and vapour generated starting from said cleaning and/or disinfecting liquid, means for grasping the neck of a cleaning and/or disinfecting liquid jar (20), wherein said body (16) further comprises piezoelectric elements (24), wherein said piezoelectric elements (24) are activated by an electronic circuit (25) in order to create immediate atomization of said cleaning and/or disinfecting liquid, said first compartment (14) further comprises an electro-fan (26), and wherein said electronic circuit (25) suitable for converting electric oscillation of said piezoelectric elements (24) into mechanical oscillation at ultrasonic frequency and said electro circuit (25) and said electro-fan (26) being fed by an electric power supply (28), said first and second compartments (14, 15) being divided by a perforated wall (27), through which a stream of air created by said electro-fan(26) is passed to facilitate an exit of said atomized cleaning and/or disinfecting liquid through a flexible tube (23) for directing said cleaning and/or disinfecting vapour from said device (10) , and said device (10) further comprising an electronic floating device (72) capable of communicating a signal to said electronic circuit (25) indicating a level of said cleaning and/or disinfecting liquid inside said body (16).